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Attorney's Docket 021123-0273989  
Client Reference: 990168 BT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

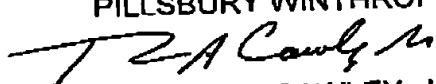
In re PATENT APPLICATION of:	Confirmation No: 8596
BETTINA MOCKEL ET AL.	
Application No.: 09/725,178	Group Art Unit: 1652
Filed: November 29, 2000	Examiner: R.G. Hutson
Title: NOVEL NUCLEOTIDE SEQUENCES ENCODING THE GPM GENE	

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**CERTIFICATION OF FACSIMILE TRANSMISSION  
UNDER 37 C.F.R. §1.8**

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office at (703) 872-9306 on the date shown below:

Amendment Transmittal  
Amendment and Response under 37 CFR 1.116

PILLSBURY WINTHROP LLP  
  
 THOMAS A. CAWLEY, JR., PH.D.  
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(Certification of Facsimile Transmission—page 1)

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In re PATENT APPLICATION of:  
BETTINA MOCKEL ET AL.

Confirmation Number: 8596

Application No.: 09/725,178

Group Art Unit: 1652

Filed: November 29, 2000

Examiner: R.G. Hutson

For: NOVEL NUCLEOTIDE SEQUENCES ENCODING THE GPM GENE

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**AMENDMENT/RESPONSE TRANSMITTAL**

Transmitted herewith is an amendment/response for this application.

**FEES**

The fee for claims and extension of time (37 C.F.R. 1.16 and 1.17) has been calculated as shown below:

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
TOTAL 27	- 27	= 0	x \$ 18.00	= \$ 0.00
INDEP. 6	- 6	= 0	x \$ 88.00	= \$ 0.00
<u>FIRST PRESENTATION OF MULTIPLE DEP. CLAIM</u>			+ \$ 0.00	= \$ 0.00
<u>TOTAL ADDITIONAL CLAIM FEE</u>			\$	0.00
<u>GRAND TOTAL</u>			\$	0.00

**FEES PAYMENT**

Authorization is hereby made to charge any additional fees required by this paper or credit any overpayment in the manner authorized above. A duplicate of this paper is attached.

Date: November 22, 2004  
PILLSBURY WINTHROP LLP  
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THOMAS A. CAWLEY, JR., PH.D.  
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CENTRAL FAX CENTER** Reply Under 37 C.F.R. §1.116  
Expedited Procedure  
Group Art Unit 1652

NOV 22 2004

Attorney Docket: 021123-0273989

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Confirmation Number: 8596

Mockel *et al.*

Application No.: 09/725,178

Group Art Unit: 1652

Filed: November 29, 2000

Examiner: R.G. Hutson

Title: Novel Nucleotide Sequences Encoding the gpm Gene

November 22, 2004

**AMENDMENT AND RESPONSE PURSUANT TO 37 C.F.R. §1.116**

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to an official [final] action, dated October 20, 2004, wherein the pending claims were rejected under 35 U.S.C. §112, first paragraph. The applicants respectfully traverse in view of the following amendments and remarks.